Environmental Protection Agency

- (c) Tolerances with regional registrations. [Reserved]
- (d) *Indirect or inadvertent residues*. [Reserved]

[65 FR 12134, Mar. 8, 2000]

§ 180.544 Methoxyfenozide; tolerances for residues.

(a) General. (1) Tolerances are established for residues of the insecticide methoxyfenozide, including its metabolites and degradates, in or on the commodities listed in the following table. Compliance with the tolerance levels specified in the following table is to be measuring only determined by methoxyfenozide (3-methoxy-2methylbenzoic acid 2-(3,5dimethylbenzoyl)-2-(1,1-dimethylethyl) hydrazide) in or on the commodity.

Acerola 0.4 Almond, hulls 25 Animal feed, nongrass, group 18, forage 50.0 Animal feed, nongrass, group 18, hay 150.0 Apple, wet pomace 7.0 Artichoke, globe 3.0 Avocado 0.6 Bean, dry, seed 0.24 Beet, sugar, roots 7.0 Brassica, head and stem, subgroup 5A 7.0 Brassica, leafy greens, subgroup 5B 30 Bushberry subgroup 13-07B 3.0 Canistel 0.6 Cattle, fat 0.50 Cattle, meat 0.02 Citrus, oil 100 Corinader, leaves 30 Corn, field, forage 15 Corn, field, grain 0.05 Corn, field, stover 125 Corn, pop, grain 0.05 Corn, pop, stover 125 Corn, sweet, forage 0.05 Corn, sweet, kernel plus cob with husks removed 0.05 Cotton, undelinted seed 2.0 Cotton, undelinted seed 2.0 <t< th=""><th>Commodity</th><th>Parts per million</th></t<>	Commodity	Parts per million
Almond, hulls 25 Animal feed, nongrass, group 18, forage 50.0 Animal feed, nongrass, group 18, hay 150.0 Apple, wet pomace 7.0 Artichoke, globe 3.0 Avocado 0.6 Bean, dry, seed 0.24 Beet, sugar, roots 7.0 Brassica, head and stem, subgroup 5A 7.0 Brassica, leafy greens, subgroup 5B 30 Bushberry subgroup 13-07B 3.0 Canistel 0.6 Cattle, fat 0.50 Cattle, fat 0.50 Citrus, oil 100 Corinder, leaves 30 Corn, field, forage 15 Corn, field, forage 15 Corn, field, grain 0.05 Corn, field, refined oil 0.20 Corn, field, stover 125 Corn, pop, grain 0.05 Corn, sweet, forage 30 Corn, sweet, kernel plus cob with husks removed 0.05 Corn, sweet, kernel plus cob with husks removed 0.05 Cotton, undelinted seed <td>Acerola</td> <td>0.4</td>	Acerola	0.4
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	ane	18.0
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Guava 0.4		
Hog, fat		
Hog, meat	0,	

Commodity	Parts per million
Horse, fat	0.50
Horse, meat	0.02
Jaboticaba	0.4
Leaf petioles subgroup 4B	25
Leafy greens subgroup 4A	30
Longan	2.0
Lychee	2.0
Mango	0.6
Milk	0.10
Nut, tree, group 14	0.10
Okra	2.0
Onion, green, subgroup 3-07B	5.0
Papaya	0.6
Passionfruit	0.4
Pea and bean, succulent shelled, subgroup 6B	0.2
Pea, blackeyed, seed	4.0
Pea, dry seed	2.5
Pea, southern, seed Peanut	4.0 0.02
Peanut, hay	55.0
Peanut, oil	0.04
Peppermint, tops	7.0
Pistachio	0.10
Plum, prune, fresh	0.30
Pomegranate	0.6
Poultry, fat	0.02
Poultry, meat	0.02
Pulasan	2.0
Rambutan	2.0
Sapodilla	0.6
Sapote, black	0.6
Sapote, mamey	0.6
Sheep, fat	0.50
Sheep, meat	0.02
Soybean, aspirated grain fractions	160
Soybean, forage	30
Soybean, hay	80
Soybean, hulls	2.0
Soybean, seed	1.0
Spanish lime	2.0
Spearmint, tops	7.0
Starfruit	0.6 0.4
Strawberry	1.5
Turnip, greens	30
Vegetable, cucurbit, group 9	0.3
Vegetable, foliage of legume, except soybean,	
subgroup 7A	35
Vegetable, fruiting, group 8	2.0
Vegetable, leaves of root and tuber, group 2	30
Vegetable, legume, edible podded, subgroup	
6A	1.5
Vegetable, root, except sugar beet, Subgroup	
1B	0.90
Vegetable, tuberous and corm, except potato,	
subgroup 1D	0.02
Wax jambu	0.4
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(2) Tolerances are established for residues of the insecticide methoxyfenozide, including its metabolites and degradates, in or on the commodities in the following table. Compliance with the tolerance levels specified in the following table is to be determined by measuring only the sum of methoxyfenozide [3-methoxy-2acid methylbenzoic 2-(3,5dimethylbenzoyl)-2-(1,1-dimethylethyl)

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hydrazide] and its glucuronide metabolite (β -D-Glucopyranuronic acid, 3-[[2-(1,1-dimethylethyl)-2-(3,5-dimethylbenzoyl)-hydrazino]carbonyl]-2-methylphenyl-), calculated as the stoichiometric equivalent of methoxyfenozide.

Commodity	Parts per million
Cattle, liver	0.40
Cattle, meat byproducts, except liver	0.10
Egg	0.02
Goat, liver	0.40
Goat, meat byproducts, except liver	0.10
Hog, liver	0.1
Hog, meat byproducts, except liver	0.02
Horse, liver	0.40
Horse, meat byproducts, except liver	0.10
Poultry, liver	0.10
Poultry, meat byproducts, except liver	0.02
Sheep, liver	0.40
Sheep, meat byproducts, except liver	0.10

(b) Section 18 emergency exemptions. Time-limited tolerances specified in the following table are established for insecticide residues of the methoxyfenozide, including its metabolites and degradates, in or on the specified agricultural commodities, resulting from use of the pesticide pursuant to FFIFRA section 18 emergency exemptions. Compliance with the tolerance levels specified in the following table is to be determined by measuring only methoxyfenozide [benzoic acid, 3methoxy-2-methyl-, 2-(3.5dimethylbenzoyl)-2-(1,1dimethylethyl)hydrazide]. The expired tolerances will be revoked on the date specified in the table.

Commodity	Parts per million	Expiration/ revocation date
Sorghum, forage	30.0 0.05 60.0	12/31/12 12/31/12 12/31/12

(c) Tolerances with regional registrations. [Reserved]

(d) Indirect or inadvertent tolerances. (1) Tolerances are established for the indirect or inadvertent residues of the insecticide methoxyfenozide, including its metabolites and degradates, in or on the raw agricultural commodities in the following table, when present therein as a result of the application of methoxyfenozide to growing crops as listed in paragraph (a) of this section. Compliance with the tolerance levels

specified in the following table is to be determined by measuring only methoxyfenozide [3-methoxy-2-methylbenzoic acid 2-(3,5-dimethylbenzoyl)-2-(1,1-dimethylethyl) hydrazidel.

Commodity	Parts per million
Onion, bulb, subgroup 3–07A	0.10 0.02

(2) Tolerances are established for the indirect or inadvertent residues of the insecticide methoxyfenozide, including its metabolites and degradates, in or on the raw agricultural commodities in the following table, when present therein as a result of the application of methoxyfenozide to growing crops as listed in paragraph (a) of this section. Compliance with the tolerance levels specified in the following table is to be determined by measuring only the sum methoxyfenozide [3-methoxy-2methylbenzoic acid. 2-(3.5dimethylbenzoyl)-2-(1,1-dimethylethyl) hydrazide] and the following metabolites (all calculated as the stoichiometric equivalent of methoxyfenozide): free phenol of methoxyfenozide [3,5dimethylbenzoic acid N-tert-butyl-N'-(3-hydroxy-2-methylbenzoyl) hvdrazide], the glucose conjugate of the phenol [3,5-dimethyl benzoic acid N-tertbutyl-N'-[3 (β-D-glucopyranosyloxy)-2methylbenzoyl]-hydrazide] and the malonylglycosyl conjugate of the phenol [3,5-dimethyl benzoic acid N-tertbutyl-N'-[3 (β-D-6-malonylglucopyranosyl-1-oxy)-2methylbenzoyl]-hydrazide].

[67 FR 59203, Sept. 20, 2002, as amended at 68 FR 32389, May 30, 2003; 68 FR 37765, June 25, 2003; 69 FR 58097, Sept. 29, 2004; 70 FR 7047, Feb. 10, 2005; 70 FR 51604, Aug. 31, 2005; 70 FR 75739, Dec. 21, 2005; 71 FR 32853, June 7, 2006; 73 FR 11826, Mar. 5, 2008; 74 FR 22468, May 13, 2009; 74 FR 45335, Sept. 2, 2009; 76 FR 34886, June 15, 2011; 77 FR 40812, July 11, 2012]